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ASSIGNOR: 001 SANSONETTI, PHILIPPE  
ASSIGNOR: 002 FONTAINE, A NNICKDOC DATE: 02/23/90  
DOC DATE: 02/23/90

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DIGEST: ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE: 501 INSTITUT PASTEUR, 25-28 RUE DU DR. ROUX - 75724 PARIS CED  
EX (15) FRANCEASSIGNEE: 502 INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE  
101 RUE DE TOLBIAC - 75654 PARIS CEDEX 13 (FRANCE)SERIAL NUMBER 7-460946 FILING DATE 00/00/00  
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(U.S. Rights Only)

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**TRANSFORMED SHIGELLA**

(Title of Invention)

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_\_, 19\_\_\_\_ (Serial No. \_\_\_\_\_); and

WHEREAS, **INSTITUT PASTEUR & INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE** (Full Name of Assignee)a corporation of **FRANCE**

(Country of Incorporation)

whose post office address is **1) 25-28 rue du Dr. Roux - 75724 PARIS CEDEX (15) France)**  
**2) 101 rue de Tolbiac - 75654 PARIS CEDEX 13 (France)**

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <b>SANSONETTI Philippe</b>	ASSIGNOR'S SIGNATURE <i>[Signature]</i>	DATE <b>23/02/90.</b>
ADDRESS <b>13 bd Brune - 75014 PARIS (France)</b>	CITIZENSHIP <b>French</b>	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY <b>FONTAINE Annick</b>	ASSIGNOR'S SIGNATURE <i>[Signature]</i>	DATE <b>Feb 23, 1990.</b>
ADDRESS <b>18 rue Liancourt 75014 PARIS (France)</b>	CITIZENSHIP <b>French</b>	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	

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